

12/21/01  
JAN 30 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42390P13010

(maximum 12 characters)

First Named Inventor Alan E. Waltho, et al.

Title: CREATION OF SPECTRAL WINDOWS THROUGH THE USE OF HIGH RATE CODE WORDS

Express Mail Label No. EL 627 533 509 US

ADDRESS TO: **Assistant Commissioner for Patents**  
**Box Patent Application**  
**Washington, D. C. 20231**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1. X **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original, and a duplicate for fee processing)
2.        **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. X **Specification (Total Pages 26)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. X **Drawings(s) (35 USC 113) (Total Sheets 10)**
5. X **Oath or Declaration (Total Pages 5)**
  - a. X Newly Executed (Original or Copy)
  - b.        Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
  - i.        **DELETIONS OF INVENTOR(S)** Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
  - c.        Unsigned.
6. X **Application Data Sheet. (37 CFR 1.76)**
7.        CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.        Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.        Computer Readable Form (CRF)
  - b.        Specification Sequence Listing on:
    - i.        CD-ROM or CD-R (2 copies); or
    - ii.        paper
  - c.        Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

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10/028413

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9. ☒ **Assignment Papers (cover sheet & documents(s))**  
10. ☐ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
☐ b. Power of Attorney  
11. ☐ English Translation Document (if applicable)  
12. ☐ a. Information Disclosure Statement (IDS)/PTO-1449  
☐ b. Copies of IDS Citations  
13. ☐ **Preliminary Amendment**  
14. ☒ **Return Receipt Postcard (MPEP 503) (Should be specifically itemized)**  
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. ☐ **Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.**  
17. ☒ Other: Copy of postcard with express mail label and certificate of mailing.

**18A. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)  
Of Prior Application No.: ☐ Examiner ☐ Group Art Unit ☐  
(which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐  
which is a ☐ continuation/ ☐ divisional/ ☐ CIP of prior application no. ☐ (List entire chain of priority)

**Applicant(s):** Also include a Preliminary Amendment to amend the specification to claim priority.  
**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18B. Statement under 37 CFR 3.73(b) for continuing application:**

The undersigned states that ☐ (name of assignee) is the assignee of the entire right, title, and interest in the accompanying patent application by virtue of an assignment recorded in the Patent and Trademark Office at Reel. No. ☐ Frame No. ☐ (or a copy of which is attached).

**19. Correspondence Address**

☐ Customer Number or Bar Code Label ☐  
or (Insert Customer No. or Attach Bar Code Label here)

☒ Correspondence Address Below

NAME Michael J. Mallie for John Patrick Ward

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

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Seventh Floor

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Name (PRINT/TYPE): Michael J. Mallie for John Patrick Ward Registration No.: 36,591

Signature:  Date: 12/21/97

## EXPRESS MAIL CERTIFICATE OF MAILING

"Express Mail" mailing label number: EL 627 533 509 US

Date of Deposit: December 21, 2001

I hereby certify that I am causing this paper or fee to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to the Assistant Commissioner for Patents, Washington, D. C. 20231

Beverly Kehoe Shea

(Typed or printed name of person mailing paper or fee)

Beverly Kehoe Shea

(Signature of person mailing paper or fee)

December 21, 2001

(Date signed)

Serial/Patent No.: Not Yet Assigned

Filing/Issue Date: Herewith

Client: Intel Corporation

Title: Creation of Spectral Windows Through the Use of High Rate Code Words

BSTZ File No.: 042390.P13010

Atty/Secty Initials: EHT/IPW/MSP/mmp/bks

Date Mailed: December 21, 2001

Docket Due Date: \*\*\*

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- ☐ Amendment/Response (\_\_\_\_ pgs.)
- ☐ Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- ☒ Application - Utility (26 pgs., with cover and abstract)
- ☐ Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)
- ☐ Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)
- ☐ Application - Design (\_\_\_\_ pgs.)
- ☐ Application - PCT (\_\_\_\_ pgs.)
- ☐ Application - Provisional (\_\_\_\_ pgs.)
- ☒ Assignment and Cover Sheet
- ☒ Certificate of Mailing
- ☒ Declaration & POA (5 pgs.)
- ☐ Disclosure Docs & Orig & Copy of Invention Signed Letter (\_\_\_\_ pgs.)
- ☒ Drawings: 10 # of sheets includes 11 figures

- ☒ Express Mail No. EL627533509US
- ☐ \_\_\_\_\_ Month(s) Extension of Time
- ☐ Information Disclosure Statement & PTO 140 (\_\_\_\_ pgs.)
- ☐ Issue Fee Transmittal
- ☐ Notice of Appeal
- ☐ Petition for Extension of Time
- ☐ Petition for \_\_\_\_\_
- ☒ Postcard
- ☐ Power of Attorney (\_\_\_\_ pgs.)
- ☐ Preliminary Amendment (\_\_\_\_ pgs.)
- ☐ Reply Brief (\_\_\_\_ pgs.)
- ☐ Response to Notice of Missing Parts
- ☐ Small Entity Declaration for Indep. Inventor/Small Business
- ☒ Transmittal Letter, in duplicate
- ☒ Fee Transmittal, in duplicate

Check No. 47204  
Amt: 1,484.00  
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Other: Certificate of Express Mailing showing contents of packet